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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/060,599	01/30/2002	Bjorn Markus Jakobsson	47-2	8291

7590 03/22/2007  
Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

EXAMINER
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FIELDS, COURTNEY D

ART UNIT	PAPER NUMBER
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2137

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/22/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

**Office Action Summary**

Application No.

10/060,599

Applicant(s)

JAKOBSSON ET AL.

Examiner

Courtney D. Fields

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                     | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

1. Claims 1-20 are pending.

#### ***Response to Arguments***

2. Applicant's arguments filed 12 January 2007 have been fully considered but they are not persuasive.

3. Referring to the rejection of claims 1,8, and 14, the Applicant contends that the prior art (Mi et al.) does not teach, suggest, or disclose calculating a function of a document or performing cryptographic functions on a function of a document, a unique processor identifier, and the use of a hash of a document. The Examiner respectfully disagrees and asserts that Mi et al. discloses a system and method for controlling access to an object. The system comprises an object and a processor identifier (See Abstract). Mi et al. discloses the means for calculating a function (i.e. hash) of a document in Column 7, lines 1-14) As clearly shown, the document is a patient's medical record which is stored upon a computer, the document is assigned a processor identifier which is unique to the patient's medical record. The processor identifier is a value resulting from a cryptographic function to the combination of the processor and the value associated with the server identifier. The hash value is generated and calculated from the combination of the processor number and the server identifier. The resulting hash value is stored upon the server as the processor identifier for the patient's medical records. Mi et al. further discloses another embodiment wherein a verification agent obtains a secret key. The cryptographic function is performed wherein

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a return value is calculated using embedded information, a secret key, and a session identifier (See Column 4, lines 24-34)

4. Therefore, the of claims 1-20 are maintained in view of the reasons above and in view of the reasons below.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Mi et al. (US Patent No. 6,418,472).

Referring to the rejection of claims 1,8, and 14, Mi et al. discloses a method and system for operation of a computer system for identification tagging a document created by the computer system comprising the steps of:

calculating a function of the document (See Column 3, lines 7-16)

creating an identification tag by performing a cryptographic function on the function of the document and a unique processor identifier associated with the computer system, the cryptographic function producing an identification tag having the characteristics that a third party possessing the document, the identification tag, and a

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plurality of unique processor identifiers, can determine a source of the document as a function of identifying the computer system and attaching the identification tag to the document (See Column 3, lines 17-33, Column 4, lines 1-20, lines 48-65)

Referring to the rejection of claims 2,9, and 15, Mi et al. discloses the claimed limitation wherein the function of the document is a hash function (See Column 4, lines 24-34)

Referring to the rejection of claims 3,10, and 16, Mi et al. discloses the claimed limitation wherein the relationship between a unique processor identifier and its associated unique processor associator is one of equality (See Column 3, lines 42-62)

Referring to the rejection of claims 4,11, and 17, Mi et al. discloses the claimed limitation wherein the cryptographic function is a Message Authentication Code (See Column 2, lines 53-58)

Referring to the rejection of claims 5,12, and 18, Mi et al. discloses the claimed limitation wherein the relationship between a unique processor identifier and its associated unique processor associator is that the unique processor identifier is a function of its associated processor associator (See Column 11, lines 8-26)

Referring to the rejection of claims 6,13, and 19, Mi et al. discloses the claimed limitation wherein the cryptographic function is based on modular exponentiation (See Column 8, lines 33-46)

Referring to the rejection of claims 7 and 20, Mi et al. discloses the claimed limitation wherein the unique processor identifier is stored in a processor of the computer system (See Column 2, lines 66-67, Column 3, lines 1-6, lines 47-62)

***Conclusion***

1. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Courtney D. Fields whose telephone number is 571-272-3871. The examiner can normally be reached on Mon - Thurs. 6:00 - 4:00 pm; off every Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

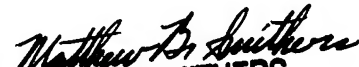
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



cdf

March 18, 2007

  
MATTHEW SMITHERS  
PRIMARY EXAMINER  
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